

ABSTRACT OF THE DISCLOSURE
GEAR PUMP WITH GEARS HAVING CURVED TEETH
AND METHOD OF FEEDING ELASTOMERIC MATERIAL

5 A gear pump and method for pumping elastomeric material having two gears with
meshing herringbone gear teeth. Each of the gear teeth has helical side portions and a
curved central portion which extends circumferentially of the gear a distance equal to at
least one half the pitch of the gear teeth to provide a continuous squeezing contact between
the teeth of the two gears for pumping a uniform strip of elastomeric material from the gear
10 pump.

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